



MI-CW2016

Michigan Crop Weather

May 16, 2016

Field Crops

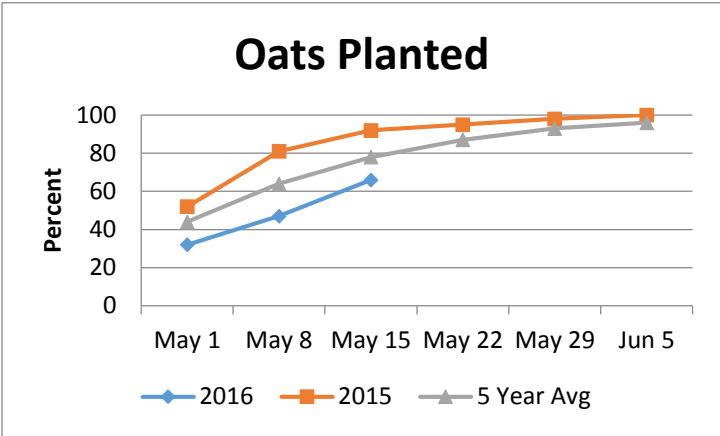
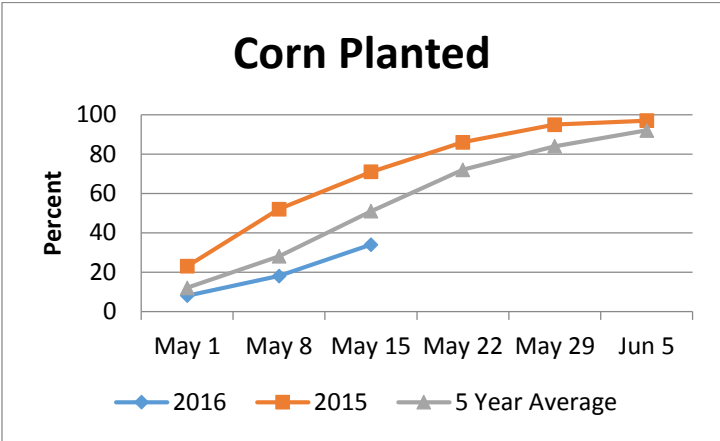
There were 3.1 days suitable for fieldwork in Michigan during the week ending May 15, 2016, according to the Great Lakes Regional office of the National Agricultural Statistics Service. Spring-like weather during the first half of the week gave way to October-like weather by week's end as daytime highs across the State remained below 70 degrees and nighttime lows stayed below 50 degrees for most of the week. Farmers in southern districts continued to deal with cooler temperatures and shower activity which kept many out of fields for most of the week; some operators there have reported switching commodities and expect prevented plantings. In central and northern parts of the state, drier weather allowed for **corn** and **soybean** planting to take place on well-drained soils, but poorly drained fields have been too wet for planting with some reported as weedy and needing extra time to work. **Sugarbeet** planting was nearly complete with good stands reported so far; however, some growers expressed concern that many fields have flooded spots which could hurt stands. Warmer temperatures midweek stimulated rapid growth in **winter wheat**; growers were spraying fungicide and growth regulators to **wheat** as conditions allowed, and growers were monitoring for stripe rust and cutworm damage in **wheat** fields. **Alfalfa**, **oat** and **barley** seeding continued at a rapid pace in the Thumb and northeast. Other activities for the week included fertilizer, lime, and manure spreading, cutting firewood, weed spraying, burndown herbicide, secondary tillage, and fixing equipment.

Fruit

Cooler temperatures over the past few weeks have brought the fruit season back to normal for bloom dates in many parts of the State, despite being a few days ahead of normal in terms of degree-day totals. Traces of snow and patchy frosts over the weekend were not expected to do significant damage to fruit crops, as cloud cover and breezes prevented temperatures from getting below 30 degrees. In the southwest, stone fruit were in or emerging from the shuck, and **apple** and **pear** bloom were ending. In the northwest, **sweet cherries** were in full bloom and **tart cherry** bloom was beginning; honey bee hives were strong and active for pollination early, but continued cool and damp weather has growers concerned for pollination. In the west central and east regions, the unusual spring weather has made for an unusually long bloom period for **apples** and **pears**; growers were assessing fruit set to prepare for thinning sprays. Although insect activity was low with cooler temperatures, wet weather throughout the week had long wetting periods for fruit diseases. In small fruits, **grapes** were at bud swell to bud burst while **strawberry** and **blueberry** bloom had begun. **Raspberry** growth continued, while **Saskatoons** showed very little development.

Vegetables

Asparagus harvest continued at a slow pace in the southwest with many reports of spear purpling due to cool temperatures. Many Oceana County growers reported completion of their first harvest. **Carrot** planting continued to progress in the west as weather allowed. In the eastern region, **cabbage**, **Brussels sprouts**, and **radishes** have been seeded. Greenhouse **tomatoes** were nearly waist high and setting fruit. **Potato** planting continued in the central region as weather permitted and some early planted fields emerged. **Pea** planting was ongoing. Some early planted fields emerged.



Crop Condition: Week Ending 05/15/16

| Crop | Very poor | Poor | Fair | Good | Excellent |
|------------------------|-----------|-----------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) | (percent) |
| Winter Wheat | 2 | 4 | 20 | 57 | 17 |
| Range and Pasture | 1 | 6 | 20 | 58 | 15 |

Crop Progress: Week Ending 05/15/16

| Crop/Activity | Percent Completed | | | |
|-------------------------------|-------------------|-----------|-----------|----------------|
| | This week | Last week | Last year | 5 Year average |
| Days Suitable for Fieldwork.. | 3.1 | 3.4 | - | - |
| Corn Planted..... | 34 | 18 | 71 | 51 |
| Corn Emerged | 6 | 2 | 35 | 16 |
| Soybeans Planted..... | 14 | 7 | 45 | 28 |
| Winter Wheat Jointing..... | 69 | 47 | 56 | NA |
| Winter Wheat Headed | 2 | 0 | 3 | 6 |
| Oats Planted..... | 66 | 47 | 92 | 78 |
| Oats Emerged | 32 | 16 | 66 | 48 |
| Sugarbeets Planted | 95 | 90 | 99 | 89 |
| Sugarbeets Emerged | 30 | 15 | NA | NA |

Soil Moisture: Week Ending 05/15/16

| Item | Very short | Short | Adequate | Surplus |
|-----------------------|------------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) |
| Topsoil moisture..... | 1 | 3 | 52 | 44 |
| Subsoil moisture..... | 0 | 3 | 61 | 36 |

| LAST WEEK WEATHER SUMMARY DATA April 1, 2016 - May 15, 2016 | | | | | | | | | | | | |
|---|-------------|----|-----|-----|-------------------|------|------|---------------|-------|-----|--------------|------|
| STATION | TEMPERATURE | | | | PRECIPITATION 4IN | | | PRECIPITATION | | | GDD BASE 50F | |
| | ----- | | | | -----SOIL | | | ----- | | | ----- | |
| | HI | LO | AVG | DFN | TOTAL | DAYS | TEMP | TOTAL | DFN | DYS | TOTAL | DFN |
| ----- | -- | -- | -- | -- | ----- | --- | --- | ----- | ----- | --- | ----- | ---- |
| 10 Western UP | | | | | | | | | | | | |
| Clarksburg | 68 | 24 | 46 | -5 | 0.11 | 3 | | 3.01 | -0.57 | 19 | 38 | -19 |
| Hancock_Houghto | 64 | 31 | 47 | -5 | 0.37 | 3 | | 2.09 | -0.73 | 14 | 55 | +1 |
| Ironwood_Ag | 69 | 27 | 47 | -5 | 0.62 | 3 | | 4.98 | +1.59 | 20 | 70 | +10 |
| Marquette_Ag | 64 | 23 | 43 | -9 | 0.25 | 4 | | 3.37 | -0.21 | 19 | 28 | -29 |
| Menominee_AP | 70 | 32 | 49 | -6 | 0.36 | 5 | | 1.87 | -2.29 | 20 | 53 | -46 |
| Norway | 69 | 32 | 50 | -5 | 0.11 | 2 | | 3.17 | -0.46 | 17 | 63 | -20 |
| Paulding | 68 | 28 | 47 | -4 | 0.24 | 4 | | 3.43 | -0.07 | 20 | 67 | +17 |
| Stambaugh | 65 | 28 | 47 | -4 | 0.21 | 2 | | 3.75 | +0.13 | 18 | 33 | -10 |
| 10 Eastern UP | | | | | | | | | | | | |
| Chatham_Exp_Far | 71 | 24 | 47 | -5 | 0.16 | 3 | | 3.50 | +0.84 | 19 | 45 | -3 |
| Garden_Corners | 69 | 29 | 49 | -3 | 0.51 | 4 | | 3.74 | +0.16 | 17 | 23 | -34 |
| Manistique_WWTP | 62 | 30 | 47 | -2 | 0.45 | 3 | | 3.69 | +0.35 | 14 | 8 | -17 |
| Moran | 67 | 26 | 47 | -4 | 0.26 | 2 | | 3.92 | +0.74 | 17 | 24 | -17 |
| Newberry_City | 73 | 25 | 46 | -8 | 0.25 | 3 | | 3.13 | +0.11 | 22 | 13 | -52 |
| Rudyard_4N | 72 | 25 | 45 | -7 | 0.40 | 3 | | 3.71 | +0.64 | 18 | 10 | -45 |
| Sault_Ste_Marie | 71 | 31 | 48 | -3 | 0.48 | 2 | | 3.52 | -0.24 | 17 | 49 | +1 |
| 20 Northwest LP | | | | | | | | | | | | |
| Antrim_Co_Arpt | 77 | 30 | 52 | +2 | 0.22 | 3 | | 2.30 | -1.03 | 24 | 92 | +34 |
| Beulah_7SSW | 78 | 32 | 53 | -2 | 0.31 | 3 | | 2.84 | -0.94 | 19 | 110 | +16 |
| Cadillac_WWTP | 73 | 30 | 52 | -2 | 0.31 | 2 | | 3.61 | -0.42 | 20 | 74 | +2 |
| East_Jordan_2NW | 79 | 31 | 52 | -3 | 0.31 | 3 | | 3.47 | -0.10 | 16 | 79 | -16 |
| Kalkaska_Ag | 74 | 30 | 51 | -2 | 0.27 | 2 | | 3.55 | -0.05 | 18 | 73 | +8 |
| Lake_City_Exp_F | 73 | 30 | 51 | -2 | 0.18 | 2 | | 4.20 | +0.07 | 20 | 67 | -8 |
| NW_Michigan_Res | 74 | 35 | 52 | +1 | 0.14 | 2 | 59 | 2.81 | -0.52 | 19 | 82 | +24 |
| Pellston_Regnl | 76 | 23 | 49 | -3 | 0.32 | 2 | | 3.36 | -0.23 | 16 | 53 | +1 |
| Traverse_City_M | 76 | 32 | 51 | -3 | 0.25 | 3 | | 3.74 | -0.05 | 20 | 76 | -14 |
| 30 Northeast LP | | | | | | | | | | | | |
| Alpena_Co_Regio | 70 | 31 | 49 | -3 | 0.55 | 2 | | 4.33 | +0.77 | 19 | 60 | +6 |
| Atlanta_5WNW | 76 | 26 | 49 | -5 | 0.62 | 2 | | 4.75 | +1.97 | 17 | 45 | -31 |
| Hale_5SSW | 73 | 30 | 51 | -2 | 0.55 | 1 | | 3.82 | +0.30 | 10 | 61 | -7 |
| Mio_WWTP | 76 | 28 | 51 | -3 | 0.45 | 3 | | 4.87 | +1.68 | 21 | 72 | -3 |
| Rogers_City_NO2 | 71 | 31 | 50 | -2 | 0.80 | 2 | | 4.70 | +1.31 | 14 | 46 | -4 |
| Vanderbilt | 77 | 25 | 49 | -3 | 0.56 | 3 | | 4.92 | +1.15 | 17 | 40 | -11 |
| West_Branch | 71 | 32 | 49 | -6 | 0.19 | 1 | | 4.87 | +0.99 | 18 | 57 | -37 |
| 40 West Central LP | | | | | | | | | | | | |
| Fremont_4WSW | 74 | 33 | 54 | +0 | 0.88 | 5 | | 4.81 | +0.44 | 21 | 131 | +33 |
| Hart_3WSW | 73 | 33 | 53 | -2 | 0.81 | 3 | | 3.35 | -0.94 | 22 | 108 | +10 |
| Ludington_Mason | 72 | 32 | 52 | -4 | 0.63 | 5 | | 2.65 | -1.35 | 27 | 90 | -26 |
| Muskegon_Co_AP | 75 | 33 | 55 | -1 | 1.38 | 5 | | 5.38 | +0.96 | 22 | 144 | +25 |
| 50 Central LP | | | | | | | | | | | | |
| Alma_Ag | 72 | 34 | 54 | -3 | 1.31 | 4 | | 5.62 | +1.29 | 20 | 105 | -22 |
| Big_Rapids_WTR | 73 | 31 | 51 | -4 | 0.68 | 4 | | 5.50 | +1.04 | 24 | 72 | -43 |
| Gladwin | 76 | 33 | 54 | -1 | 0.82 | 3 | | 5.63 | +1.73 | 20 | 88 | -11 |
| Mount_Pleasant | 73 | 33 | 53 | -3 | 0.85 | 5 | | 2.58 | -1.80 | 28 | 109 | -9 |
| Oil_City_3E | 73 | 33 | 53 | -6 | 1.11 | 4 | | 5.07 | +0.89 | 23 | 73 | -95 |
| Reed_City_WWTP | 72 | 33 | 52 | -2 | 0.42 | 2 | | 5.20 | +0.94 | 21 | 81 | -9 |
| 60 East Central LP | | | | | | | | | | | | |
| Auburn_2NE | 75 | 34 | 53 | -6 | 0.98 | 4 | | 4.67 | +0.49 | 19 | 74 | -94 |
| Bad_Axe_Ag | 77 | 34 | 53 | -2 | 1.51 | 3 | | 3.93 | -0.19 | 19 | 71 | -9 |
| Saginaw_NO3 | 75 | 35 | 54 | -5 | 2.40 | 4 | | 5.59 | +1.59 | 21 | 106 | -68 |
| Sandusky | 71 | 36 | 54 | -2 | 1.53 | 4 | | 4.06 | +0.51 | 15 | 93 | -17 |
| Vassar | 76 | 34 | 55 | -2 | 1.35 | 5 | | 4.52 | +0.22 | 21 | 91 | -42 |
| 70 Southwest LP | | | | | | | | | | | | |
| Benton_Harbor_A | 72 | 39 | 55 | -2 | 1.73 | 5 | | 6.84 | +1.42 | 24 | 167 | +26 |
| Bloomington | 74 | 32 | 53 | -4 | 1.33 | 5 | | 5.79 | +0.46 | 20 | 132 | -1 |
| Dowagiac | 70 | 35 | 54 | -4 | 1.68 | 5 | | 7.19 | +1.89 | 23 | 153 | -5 |
| East_Grand_Rapi | 70 | 32 | 53 | -5 | 1.51 | 6 | | 7.44 | +2.35 | 23 | 116 | -37 |
| Kalamazoo_Intl | 71 | 36 | 55 | -5 | 1.49 | 4 | | 6.27 | +1.03 | 22 | 184 | -30 |
| Kent_City | 72 | 26 | 51 | -5 | 1.46 | 6 | | 6.08 | +1.66 | 23 | 84 | -35 |
| 80 South Central LP | | | | | | | | | | | | |
| Battle_Creek_5N | 77 | 33 | 53 | -5 | 1.89 | 6 | | 6.31 | +1.21 | 24 | 188 | +24 |
| Charlotte_WWTP | 73 | 35 | 53 | -5 | 1.58 | 6 | | 6.93 | +2.19 | 26 | 111 | -23 |
| Coldwater_Branc | 75 | 36 | 54 | -3 | 1.03 | 5 | | 4.08 | -0.87 | 29 | 162 | +16 |
| Hastings | 69 | 35 | 52 | -5 | 1.81 | 6 | | 7.44 | +2.58 | 25 | 117 | -15 |
| Hillsdale_Ag | 77 | 36 | 53 | -3 | 1.07 | 4 | | 6.09 | +0.88 | 23 | 127 | -1 |
| Lansing | 73 | 33 | 54 | -3 | 1.77 | 5 | | 6.08 | +1.75 | 24 | 144 | +11 |
| Owosso_WWTP | 75 | 33 | 54 | -2 | 1.37 | 6 | | 5.90 | +1.73 | 25 | 113 | -7 |
| Three_Rivers_Ag | 73 | 34 | 54 | -4 | 1.58 | 5 | | 6.44 | +1.35 | 26 | 149 | +7 |
| 90 Southeast LP | | | | | | | | | | | | |
| Burton | 80 | 34 | 54 | -3 | 1.52 | 5 | | 5.68 | +1.20 | 24 | 94 | -30 |
| Farmington | 77 | 33 | 54 | -6 | 1.18 | 4 | | 4.98 | +0.33 | 21 | 102 | -83 |
| Grosse_Pte_Farm | 77 | 34 | 55 | -5 | 1.15 | 4 | | 4.33 | -0.32 | 18 | 105 | -67 |
| Lapeer_WWTP | 79 | 34 | 55 | -1 | 1.56 | 4 | | 5.16 | +0.95 | 19 | 100 | -7 |
| Newport_4SSE | 74 | 36 | 55 | -6 | 0.80 | 6 | | 3.90 | -0.65 | 24 | 104 | -110 |
| Richmond_4NNW | 76 | 35 | 55 | -2 | 1.06 | 3 | | 4.35 | +0.00 | 16 | 112 | -20 |
| Saline_WWTP | 78 | 33 | 54 | -5 | 1.26 | 6 | | 5.01 | +0.23 | 25 | 132 | -43 |
| Tipton | 77 | 33 | 53 | -5 | 1.44 | 6 | | 6.01 | +1.10 | 21 | 115 | -38 |
| Whitmore_Lake | 78 | 33 | 54 | -3 | 1.38 | 6 | | 4.87 | +0.73 | 23 | 104 | -26 |
| Yale | 75 | 33 | 52 | -4 | 1.81 | 3 | | 4.83 | +1.28 | 17 | 70 | -40 |